

GAUGE CHECK

P/No. 105.001 – R2 Operating Instructions and OHMS Value Chart

GENERAL

The Gauge Check is suitable for testing electro-magnetic and bi-metal gauges of all manufacturers using resistance senders for their gauges.

IMPORTANT: When testing instruments the Gauge Check must **NOT** be set at an ohms value lower than the appropriate minimum value shown (see below), as permanent damage to the instrument being tested may result.

The unit is fitted with a 250mA fuse. Under no circumstances should this be replaced with a fuse of higher value. If the fuse is replaced by one of higher value the potentiometer will burn out and warranty will be null and void.

OPERATING INSTRUCTIONS

Resistive Senders

1. Remove sender wire from temperature, fuel or oil pressure sender.
2. Connect **insulated (red cover)** clip of **Gauge Check** to wire removed from sender, ensuring that the clip does not touch earth.
3. Connect **ground (black cover)** clip of **Gauge Check** to earth.
4. Set adjustment knob to approximately 150 Ohm. Switch ignition on, or preferably start the engine to ensure correct operating voltage.
5. Set adjustment knob to required values as detailed on chart (see below).
6. When testing bi-metal type gauges, it is also necessary to check the operation of the instrument voltage stabiliser.

For **bi-metal** type regulator connect a 12 volt test lamp between output terminal of stabiliser and ground. With ignition switched on, the test lamp should flicker indicating voltage stabiliser operates correctly. For **solid state** type regulator, measure the output with a voltmeter, it should be 10vdc \pm 0.5 volts.

RESISTANCE CHART

VEHICLE	OIL Ω	TEMP Ω	FUEL Ω
HOLDEN			
FX-EH-HD-HR	10-193	24-179	0-30
HK-HG-HT-HQ(9/73)	10-193	315-22	0-30
HQ(73-76)	10-190	315-22	73-10
HJ-HX-HZ	73-10	73-10	73-10
WB Statesman	10-193	282-40	282-40
VB-VC-VH-VK-VL-VN	10-180	282-40	282-40
VP-VR-VAS	-	282-40	282-40
VT	-	Data Signal	40-254
Gemini TF-TG	10-180	27-232	7-95
Camira JB-JE	10-180	282-40	282-40
JD	130-26	282-40	282-40
Astra LB-LC	-	282-40	110-3
Torana LH-LX-Sunbird	73-10	73-10	73-10
Torana LC-LJ	10-193	315-18	0-30
Torana UC	10-180	282-40	282-40
FORD			
XR-XT-XW-XY-XA-XB-XC	-	73-10	73-10
XD (See Page 1 for special fuel gauge readings)	73-10	73-10	0.2-4.2 VoltsDC
XE (See Page 1 for special fuel gauge readings)	10-180	73-10	0.2-4.2 VoltsDC
XF (See Page 1 for special fuel gauge readings)	10-180	220-36	0.2-4.2 VoltsDC
ZF-ZG-ZH	-	73-10	73-10

VEHICLE	OIL Ω	TEMP Ω	FUEL Ω
FORD			
EA-EB-ED	28-180	220-39	2-200
EF-EL	0-73	Data Signal	10-149
Laser-KA-KB	-	154-12	95-7
Meteor GA-GB	-	154-12	95-7
Laser KC-/ Meteor GC	-	232-16	95-7
Telstra-TX5	-	154-12	95-7
Escort	-	73-10	73-10
Cortina	-	73-10	73-10
Maverick	80-10	80-10	80-10
Courier Petrol	-	278-16	110-3
Courier Diesel	-	278-16	95-7
Trader	-	154-12	95-7
MAZDA			
Chrysler VH-CH-VJ-CJ	-	202-22	10-165
Chrysler VK-CK	-	202-22	10-180
Chrysler VL-CL	-	202-22	282-40
Cordia-Galant	-	311-27	95-7
Sigma -Imported	-	255-17	95-7
Sigma -Local	-	296-40	296-40
Magna TE, TF	-	152-17	107-4
Magna TM, TN, TP, TR, TS	-	152-17	7-95
NISSAN			
Bluebird	10-180	310-32	282-40
MQ Patrol L28-P40	80-10	80-10	80-10
Navara	74-10	145-17	90-8
Nomad-Vanette-Pathfinder	74-10	80-10	90-14
Pintara	27-180	202-40	202-40
Pulsar -Imported	-	80-10	80-10
Pulsar -Local	-	200-40	292-40
Pathfinder	-	318-28	-
Skyline 6 Cyl	27-180	202-40	202-40
240K-300ZX	80-10	145-17	80-10
Datsun 120Y-180B-Local	-	115-10	80-10
Datsun 120Y-180B-Imported	-	145-17	85-10
Datsun 1600	-	80-10	77-17
Datsun 200B	-	310-32	282-40
Datsun Stanza SSS	292-40	292-40	292-40
Datsun Sunny	-	80-10	80-10
TOYOTA			
Lexcen	-	282-40	282-40
Camry	-	-	110-3
Corolla 72-79	-	154-16	110-3
Corolla 79-86	-	332-23	110-3
Crown	-	155-20	110-3
Landcruiser	-	240-20	-

SPECIFICATIONS

1. Dimensions: Approximately 90 x 55 x 50mm overall.
2. Voltage: 12/24 Volt DC Resistance Gauge Systems
3. Resistance: Range 0 — 500 Ohms, 3 Watts.

For any queries, application data or technical information call your supplier or Continental Pty Ltd on 03 9468 1151